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TITLE : TREATMENT AGENT FOR PLANOGRAPHIC PRINTING PLATE AND PLATE MAKING METHOD USING THE SAME

ABSTRACT : PURPOSE: To achieve the efficiency of gum lining, ink buildup and correction treatment by selecting a predetermined wt.% or more of a surfactant among all of surfactants contained in a treatment agent for a planographic printing plate from a cationic surfactant, a nonionic surfactant and an amphoteric surfactant.

CONSTITUTION: A treatment agent for a planographic printing plate is composed of an aq. soln. with pH2.5-12.5 containing a surfactant and an acid or a buffer agent. At least one surfactant selected from a cationic surfactant, a nonionic surfactant and an amphoteric surfactant is added to the treatment agent in an amt. of 60wt.% or more by wt. of all of the surfactants in the treatment agent. By this constitution, the lowering of the plate surface protecting capacity of a plate surface protecting agent used in gum lining after treatment is improved. Further, the generation of fill-in due to a dot image at the time of the buildup of developing ink is improved and the generation of contamination at the time of printing caused by the deterioration of the erasure properties of a medium contrast part at the time of correction is improved.

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